Bruhat Bangalore Mahanagara Palike
Executive Engineer Project Division Yelahanka

Name of Work: Developments works to be under taken in Ward No.05 of BBMP around Solid Waste Disposal Processing units Bellahalli, Bagaluru and Kattigenahalli Byatarayanapura Constituency

Sl No	Description of Items	Unit	No	Length	Width	Depth	Quantity	Rate	Amount
	Civil Work								
1	**Removing and refixing stone slabs** of drains and pointing in CM (1:3) (P.No-27,I No-5.33,KPWD SR 2018-19)								
	Basic rate	105.00							
	Area Weightage 6%	6.30							
	Total	**111.30**							
	For Drain Desilt	**Sqm**							
	Jakkur Railway track road		2	390.00	1.50		1170.00		
	Agrahara- Mariyappa house Rd		2	95.0	1.50		285.00		
	Thanisandra Mn Rd upto Thirumenahalli Lake		2	700.0	1.50		2100.00		
	Chokkanahalli LayoutMn Road frm Thanisandra Rd		2	610.00	1.50		1830.00		
	Chokkanahalli village Mn Rd								
	Ch:0.00m to 150.00m		2	150.00	1.50		450.00		
	Ch:150.00m to 550.00m		2	400.00	1.50		1200.00		
	Ch:550.00m to 1250.00m		2	700.00	1.50		2100.00		
	School Road		2	90.00	1.50		270.00		
	Dwarakanagar Bus Stop Road		2	250.00	1.50		750.00		
			2	120.00	1.50		360.00		
	Green Land Layout Mn Rd		2	460.00	1.50		1380.00		
	Lakshmaiah Garden Mn Rd		2	410.0	1.50		1230.00		
	Palanahalli Road Beside Lake		2	580.0	1.50		1740.00		
	Warrior Tower Cross Road		2	50.0	1.50		150.00		
	1st cross, Chamundi lt		2	80.00	1.50		240.00		
	4th cross, Pooja Maha lxm lt		2	50.00	1.50		150.00		
	5th cross, Pooja Maha lxm lt		2	50.00	1.50		150.00		
	7th cross, Pooja Maha lxm lt		2	55.00	1.50		165.00		
	9th cross, Pooja Maha lxm lt		2	50.00	1.50		150.00		
	10th cross, Pooja Maha lxm lt		2	56.00	1.50		168.00		
	Prakruthinagar								
	Association Road		2	283.00	1.50		849.00		
	3rd cross		2	110.00	1.50		330.00		
	4th cross		2	110.00	1.50		330.00		
	Srinivasa Garden Mn Rd		2	426.0	1.50		1278.00		
	Tetra grands Road		2	83.00	1.50		249.00		
			2	170.00	1.50		510.00		
	Cross Road Tetra grands Road		2	50.00	1.50		150.00		
	Thirumenahalli Mn Rd to School		2	232.00	1.50		696.00		
			2	210.00	1.50		630.00		
	Vinayakanagar Dead end Road		2	40.00	1.50		120.00		
	Winn field new Formn		2	580.0	1.50		1740.00		
	Noor nagar East side		2	216.00	1.50		648.00		

Sl No	Description of Items	Unit	No	Length	Width	Depth	Quantity	Rate	Amount
	Noor nagar West side		2	112.00	1.50		336.00		
	Dwarakanaar, Vinayakanagar, Palanahalli, Kattigenahalli								
	Cross Rd-1		2	200.00	1.50		600.00		
	Cross Rd-2		2	180.00	1.50		540.00		
	Cross Rd-3		2	160.00	1.50		480.00		
	Cross Rd-4		2	150.00	1.50		450.00		
	Cross Rd-5		2	200.00	1.50		600.00		
	Cross Rd-6		2	160.00	1.50		480.00		
	Cross Rd-7		2	140.00	1.50		420.00		
	Cross Rd-8		2	160.00	1.50		480.00		
	Cross Rd-9		2	150.00	1.50		450.00		
	Cross Rd-10		2	180.00	1.50		540.00		
	Cross Rd-11		2	200.00	1.50		600.00		
	Cross Rd-12		2	190.00	1.50		570.00		
	Cross Rd-13		2	260.00	1.50		780.00		
	Cross Rd-14		2	260.00	1.50		780.00		
	Cross Rd-15		2	200.00	1.50		600.00		
	Cross Rd-16		2	150.00	1.50		450.00		
	Cross Rd-17		2	170.00	1.50		510.00		
	Cross Rd-18		2	230.00	1.50		690.00		
	Cross Rd-19		2	160.00	1.50		480.00		
	Cross Rd-20		2	120.00	1.50		360.00		
	Cross Rd-21		2	190.00	1.50		570.00		
	Cross Rd-22		2	170.00	1.50		510.00		
	Cross Rd-23		2	200.00	1.50		600.00		
	Cross Rd-24		2	160.00	1.50		480.00		
	Cross Rd-25		2	200.00	1.50		600.00		
	Cross Rd-26		2	150.00	1.50		450.00		
	Cross Rd-27		2	90.00	1.50		270.00		
	Cross Rd-28		2	160.00	1.50		480.00		
	Cross Rd-29		2	300.00	1.50		900.00		
	Cross Rd-30		2	230.00	1.50		690.00		
	Cross Rd-31		2	230.00	1.50		690.00		
	Cross Rd-32		2	200.00	1.50		600.00		
	Cross Rd-33		2	210.00	1.50		630.00		
	Cross Rd-34		2	320.00	1.50		960.00		
	Cross Rd-35		2	180.00	1.50		540.00		
	Cross Rd-36		2	160.00	1.50		480.00		
	Cross Rd-37		2	200.00	1.50		600.00		
	Cross Rd-38		2	300.00	1.50		900.00		
	Cross Rd-39		2	190.00	1.50		570.00		
	Cross Rd-40		2	170.00	1.50		510.00		
	Noor nagar East side								
	LHS								
	Cr-1		2	53.00	0.90		95.40		
	Cr-2		2	36.40	0.90		65.52		
	Cr-3		2	37.00	0.90		66.60		
	Cr-4		2	37.00	0.90		66.60		
	Cr-5		2	34.00	0.90		61.20		

Sl No	Description of Items	Unit	No	Length	Width	Depth	Quantity	Rate	Amount
	Cr-6		2	37.00	0.90		66.60		
	Cr-7		2	37.00	0.90		66.60		
	Cr-8		2	37.00	0.90		66.60		
	Cr-9		2	36.00	0.90		64.80		
	RHS								
	Cr-1		2	34.00	0.90		61.20		
	Cr-2		2	34.00	0.90		61.20		
	Cr-3		2	34.00	0.90		61.20		
	Cr-4		2	34.00	0.90		61.20		
	Cr-5		2	35.00	0.90		63.00		
	Cr-6		2	37.00	0.90		66.60		
	Cr-7		2	35.00	0.90		63.00		
	Cr-8		2	25.00	0.90		45.00		
	Cr-9		2	18.40	0.90		33.12		
							47929.44		
	Consider 30%						14378.83		
							14378.83	**111.30**	**1600364.00**
2	KSRRB 300-1. **Earthwork excavation by manual means** for roads, drains & similar works in ordinary soil excavated surface levelled and sides neatly dressed, the disposed earth to be levelled neatly after breaking of clods complete as per specifications(I No-19.1, P No-144)								
	Basic rate	130.00							
	Area Weightage 6%	7.80							
	Loading and Unloding & Lead	82.60							
	Total	**220.40**							
		Cum							
	Desilt								
	Jakkur Railway track road		2	390.00	0.60	0.30	140.40		
	Agrahara- Mariyappa house Rd		2	95.0	0.60	0.30	34.20		
	Thanisandra Mn Rd upto Thirumenahalli Lake		2	700.0	0.60	0.30	252.00		
	Chokkanahalli LayoutMn Road frm Thanisandra Rd		2	610.00	0.60	0.30	219.60		
	Chokkanahalli village Mn Rd								
	Ch:0.00m to 150.00m		2	150.00	0.60	0.30	54.00		
	Ch:150.00m to 550.00m		2	400.00	0.60	0.30	144.00		
	Ch:550.00m to 1250.00m		2	700.00	0.60	0.30	252.00		
	School Road		2	90.00	0.60	0.30	32.40		
	Dwarakanagar Bus Stop Road		2	250.00	0.60	0.30	90.00		
			2	120.00	0.60	0.30	43.20		
	Green Land Layout Mn Rd		2	460.00	0.60	0.30	165.60		
	Lakshmaiah Garden Mn Rd		2	410.0	0.60	0.30	147.60		
	Palanahalli Road Beside Lake		2	580.0	0.60	0.30	208.80		
	Warrior Tower Cross Road		2	50.0	0.60	0.30	18.00		
	1st cross, Chamundi lt		2	80.00	0.60	0.30	28.80		
	4th cross, Pooja Maha lxm lt		2	50.00	0.60	0.30	18.00		
	5th cross, Pooja Maha lxm lt		2	50.00	0.60	0.30	18.00		
	7th cross, Pooja Maha lxm lt		2	55.00	0.60	0.30	19.80		
	9th cross, Pooja Maha lxm lt		2	50.00	0.60	0.40	24.00		

Sl No	Description of Items	Unit	No	Length	Width	Depth	Quantity	Rate	Amount
	10th cross, Pooja Maha lxm lt		2	56.00	0.60	0.30	20.16		
	Prakruthinagar								
	Association Road		2	283.00	0.60	0.35	118.86		
	3rd cross		2	110.00	0.60	0.40	52.80		
	4th cross		2	110.00	0.60	0.30	39.60		
	Srinivasa Garden Mn Rd		2	426.0	0.60	0.40	204.48		
	Tetra grands Road		2	83.00	0.60	0.40	39.84		
			2	170.00	0.60	0.40	81.60		
	Cross Road Tetra grands Road		2	50.00	0.60	0.40	24.00		
	Thirumenahalli Mn Rd to School		2	232.00	0.60	0.40	111.36		
			2	210.00	0.60	0.40	100.80		
	Vinayakanagar Dead end Road		2	40.00	0.60	0.40	19.20		
	Winn field new Formn		2	580.0	0.60	0.40	278.40		
	Noor nagar East side		2	216.00	0.60	0.40	103.68		
	Noor nagar West side		2	112.00	0.60	0.40	53.76		
	Dwarakanaar, Vinayakanagar, Palanahalli, Kattigenahalli								
	Cross Rd-1		2	200.00	0.60	0.40	96.00		
	Cross Rd-2		2	180.00	0.60	0.40	86.40		
	Cross Rd-3		2	160.00	0.60	0.40	76.80		
	Cross Rd-4		2	150.00	0.60	0.40	72.00		
	Cross Rd-5		2	200.00	0.60	0.40	96.00		
	Cross Rd-6		2	160.00	0.60	0.40	76.80		
	Cross Rd-7		2	140.00	0.60	0.40	67.20		
	Cross Rd-8		2	160.00	0.60	0.40	76.80		
	Cross Rd-9		2	150.00	0.60	0.40	72.00		
	Cross Rd-10		2	180.00	0.60	0.40	86.40		
	Cross Rd-11		2	200.00	0.60	0.40	96.00		
	Cross Rd-12		2	190.00	0.60	0.40	91.20		
	Cross Rd-13		2	260.00	0.60	0.40	124.80		
	Cross Rd-14		2	260.00	0.60	0.40	124.80		
	Cross Rd-15		2	200.00	0.60	0.40	96.00		
	Cross Rd-16		2	150.00	0.60	0.40	72.00		
	Cross Rd-17		2	170.00	0.60	0.40	81.60		
	Cross Rd-18		2	230.00	0.60	0.40	110.40		
	Cross Rd-19		2	160.00	0.60	0.40	76.80		
	Cross Rd-20		2	120.00	0.60	0.40	57.60		
	Cross Rd-21		2	190.00	0.60	0.40	91.20		
	Cross Rd-22		2	170.00	0.60	0.40	81.60		
	Cross Rd-23		2	200.00	0.60	0.40	96.00		
	Cross Rd-24		2	160.00	0.60	0.40	76.80		
	Cross Rd-25		2	200.00	0.60	0.40	96.00		
	Cross Rd-26		2	150.00	0.60	0.40	72.00		
	Cross Rd-27		2	90.00	0.60	0.40	43.20		
	Cross Rd-28		2	160.00	0.60	0.40	76.80		
	Cross Rd-29		2	300.00	0.60	0.40	144.00		
	Cross Rd-30		2	230.00	0.60	0.40	110.40		
	Cross Rd-31		2	230.00	0.60	0.40	110.40		
	Cross Rd-32		2	200.00	0.60	0.40	96.00		
	Cross Rd-33		2	210.00	0.60	0.40	100.80		

Sl No	Description of Items	Unit	No	Length	Width	Depth	Quantity	Rate	Amount
	Cross Rd-34		2	320.00	0.60	0.40	153.60		
	Cross Rd-35		2	180.00	0.60	0.40	86.40		
	Cross Rd-36		2	160.00	0.60	0.40	76.80		
	Cross Rd-37		2	200.00	0.60	0.40	96.00		
	Cross Rd-38		2	300.00	0.60	0.40	144.00		
	Cross Rd-39		2	190.00	0.60	0.40	91.20		
	Cross Rd-40		2	170.00	0.60	0.40	81.60		
	Noor nagar East side								
	LHS								
	Cr-1		2	53.00	0.60	0.40	25.44		
	Cr-2		2	36.40	0.60	0.40	17.47		
	Cr-3		2	37.00	0.60	0.40	17.76		
	Cr-4		2	37.00	0.60	0.40	17.76		
	Cr-5		2	34.00	0.60	0.40	16.32		
	Cr-6		2	37.00	0.60	0.40	17.76		
	Cr-7		2	37.00	0.60	0.40	17.76		
	Cr-8		2	37.00	0.60	0.40	17.76		
	Cr-9		2	36.00	0.60	0.40	17.28		
	RHS								
	Cr-1		2	34.00	0.60	0.40	16.32		
	Cr-2		2	34.00	0.60	0.40	16.32		
	Cr-3		2	34.00	0.60	0.40	16.32		
	Cr-4		2	34.00	0.60	0.40	16.32		
	Cr-5		2	35.00	0.60	0.40	16.80		
	Cr-6		2	37.00	0.60	0.40	17.76		
	Cr-7		2	35.00	0.60	0.40	16.80		
	Cr-8		2	25.00	0.60	0.40	12.00		
	Cr-9		2	18.40	0.60	0.40	8.83		
	Culverts		40	8.0	1.40	1.00	448.00		
							7572.12	**220.40**	**1668896.13**
3	**Providing granite slabs** of selected quality roughly dressed and fixed in cement mortar (1:6) including fixing curing etc., complete. (P.No-27,I No-5.31.1, KPWD SR 2018-19), 7.5cms thick								
	Basic rate	700.00							
	Area Weightage 6%	42.00							
	Total	**742.00**							
		Sqm							
	5% missing slabs from item no. 01						2396.47		
							2396.47	**742.00**	**1778182.22**
4	KSRB 4-1.2 : Providing and laying in **position plain cement concrete of Mix 1:3:6** with OPC @ 220kgs, with 40mm and down size graded granite metal coarse aggregates @0.892cum and fine aggregates @ 0.465cum machine mixed, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation including cost of all materials, labour, HOM curing complete as per specifications. (P.No-13,I No-4.2,KPWD SR 2018-19)								
	Basic rate	5194.00							
	Area Weightage 6%	311.64							
	Total	**5505.64**							

Sl No	Description of Items	Unit	No	Length	Width	Depth	Quantity	Rate	Amount
		Cum							
	Culverts		40	8.0	1.40	0.15	67.20		
							67.20	**5505.64**	**369979.01**
5	Providing and laying **plain/reinforced cement concrete** for side drains using M20 nominal mix concrete with OPC at 300 kgs. with 20mm and down size granite metal coarse aggregates at 0.69 cum and fine aggregates at 0.43 cum machine mixed, well compacted for walls and bottom including centering, shuttering, cost of materials, HOM of machinery, curing etc., complete excluding cost of steel as per MORTH specification No. 1500, 1700, 2200. including cost of materials, labour, HOM complete as per specificationsdo- Wall & bottom thickness 15cm (I No-37.59.2,P No-271,KPWD SR 2018-19)								
	Basic rate	6670.00							
	Area Weightage 6%	400.20							
	Total	**7070.20**							
		Cum							
	Culverts Raft		40	8.0	1.20	0.20	76.80		
	Culverts Wall								
			80	8.0	0.23	0.60	88.32		
							165.12	**7070.20**	**1167431.42**
6	KSRRB M2200-6. Providing T.M.T. steel reinforcement for R.C.C. work including straightening, cutting, bending, hooking, placing in position, lapping and/or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per disign (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM complete as per specification.(I No-28.8.2,P No-229)								
	Basic rate	68223.00							
	Area Weightage 6%	4093.38							
	Total	**72316.38**							
	Consider 90kg/Cum for Culvert	**Tn**	1	165.12	90.00		14860.80		
							14860.80		
							14.86	**72316.38**	**1074679.26**
7	Providing and Fixing **pre cast covering Slab 250mm thick** made out of CC 1:2:4 and jelly 20mm Down size with steel reinforcement including form work,curing,including cost of alll materials, labour,hire charges of machinery, loading, unloading, lead and lift,transportation etc ,complete.As per Engineer incharge. (Data Rate)								
	Data rate	**5418.00**							
		Sqm							
	Culverts		40	8.0	1.20		384.00		
							384.00	**5418.00**	**2080512.00**
8	Providing and Fixing **pre cast covering Slab 100mm thick** made out of CC 1:2:4 and jelly 20mm Down size with steel reinforcement including form work,curing,including cost of alll materials, labour,hire charges of machinery, loading, unloading, lead and lift,transportation etc ,complete.As per Engineer incharge. (Data Rate)								
	Basic rate	2337.00							
	RCC Drain	**Sqm**							
	Ward 05								
	Damaged/missing Top slabs		12	100.00	0.90		1080.00		
							1080.00	**2337.00**	**2523960.00**

Sl No	Description of Items	Unit	No	Length	Width	Depth	Quantity	Rate	Amount
9	KSRRB M300-14. **Excavation for roadwork in all types of soil** by mechanical means including cutting and loading to tippers, trimming bottom and side slopes, in accordance with requirements of lines, grades and cross sections, and transportation with a lead of 1.00 km and complete as per specifications MORTH Specificatio MORTH Specification No.301Loading and unloading with 10km lead= (I No-19.14,P No-143,KPWD SR 2018-19)								
	Basic rate	41.00							
	Area Weightage 6%	2.46							
	10Km Lead =(2*1.28*10)	25.60							
	Total	**69.06**							
		Cum							
	Jakkur Railway track Road		1	390.00	6.00	0.30	702.00		
	Agrahara- Mariyappa house Rd		1	95.0	5.50	0.30	156.75		
	Thanisandra Mn Rd upto Thirumenahalli Lake		2	700.0	1.50	0.30	630.00		
	Chokkanahalli LayoutMn Road frm Thanisandra Rd		2	610.00	1.50	0.30	549.0		
	Chokkanahalli village Mn Rd								
	Ch:0.00m to 150.00m		2	150.00	1.50	0.30	135.0		
	Ch:150.00m to 550.00m		2	400.00	1.50	0.30	360.0		
	Ch:550.00m to 1250.00m		2	700.00	1.50	0.30	630.0		
	School Road		1	90.00	2.00	0.30	54.0		
	Dwarakanagar Bus Stop Road		2	250.00	1.20	0.30	180.00		
			1	120.00	5.50	0.30	198.00		
	Green Land Layout Mn Rd		1	460.00	5.00	0.30	690.00		
	Lakshmaiah Garden Mn Rd		1	410.0	5.50	0.30	676.50		
	Palanahalli Road Beside Lake		1	580.0	6.00	0.30	1044.00		
	Warrior Tower Cross Road		1	50.0	6.00	0.30	90.00		
	1st cross, Chamundi lt		1	80.00	5.00	0.30	120.00		
	4th cross, Pooja Maha lxm lt		1	50.00	5.00	0.30	75.00		
	5th cross, Pooja Maha lxm lt		1	50.00	5.00	0.30	75.00		
	7th cross, Pooja Maha lxm lt		1	55.00	5.00	0.30	82.50		
	9th cross, Pooja Maha lxm lt		1	50.00	5.00	0.30	75.00		
	10th cross, Pooja Maha lxm lt		1	56.00	5.00	0.30	84.00		
	Prakruthinagar								
	Association Road		1	283.00	5.00	0.30	424.50		
	3rd cross		1	110.00	5.00	0.30	165.00		
	4th cross		1	110.00	5.00	0.30	165.00		
	Srinivasa Garden Mn Rd		1	426.0	5.50	0.30	702.90		
	Tetra grands Road		2	83.00	1.50	0.30	74.7		
			1	170.00	6.50	0.30	331.5		
	Cross Road Tetra grands Road		1	50.00	6.50	0.30	97.5		
	Thirumenahalli Mn Rd to School		2	232.00	1.50	0.30	208.80		
			1	210.00	6.00	0.30	378.00		
	Vinayakanagar Dead end Road		1	40.00	4.50	0.30	54.00		
	Winn field new Formn		1	580.0	4.80	0.30	835.20		
	Noor nagar East side		2	216.00	1.20	0.30	155.52		
	Noor nagar West side		2	112.00	2.00	0.30	134.40		
	Dwarakanaar, Vinayakanagar, Palanahalli, Kattigenahalli								
	Cross Rd-1		2	200.00	0.90	0.30	108.00		

Sl No	Description of Items	Unit	No	Length	Width	Depth	Quantity	Rate	Amount
	Cross Rd-2		2	180.00	0.90	0.30	97.20		
	Cross Rd-3		2	160.00	0.90	0.30	86.40		
	Cross Rd-4		2	150.00	0.90	0.30	81.00		
	Cross Rd-5		2	200.00	0.90	0.30	108.00		
	Cross Rd-6		2	160.00	0.90	0.30	86.40		
	Cross Rd-7		2	140.00	0.90	0.30	75.60		
	Cross Rd-8		2	160.00	0.90	0.30	86.40		
	Cross Rd-9		2	150.00	0.90	0.30	81.00		
	Cross Rd-10		2	180.00	0.90	0.30	97.20		
	Cross Rd-11		2	200.00	0.90	0.30	108.00		
	Cross Rd-12		2	190.00	0.90	0.30	102.60		
	Cross Rd-13		2	260.00	0.90	0.30	140.40		
	Cross Rd-14		2	260.00	0.90	0.30	140.40		
	Cross Rd-15		2	200.00	0.90	0.30	108.00		
	Cross Rd-16		2	150.00	0.90	0.30	81.00		
	Cross Rd-17		2	170.00	0.90	0.30	91.80		
	Cross Rd-18		2	230.00	0.90	0.30	124.20		
	Cross Rd-19		2	160.00	0.90	0.30	86.40		
	Cross Rd-20		2	120.00	0.90	0.30	64.80		
	Cross Rd-21		2	190.00	0.90	0.30	102.60		
	Cross Rd-22		2	170.00	0.90	0.30	91.80		
	Cross Rd-23		2	200.00	0.90	0.30	108.00		
	Cross Rd-24		2	160.00	0.90	0.30	86.40		
	Cross Rd-25		2	200.00	0.90	0.30	108.00		
	Cross Rd-26		2	150.00	0.90	0.30	81.00		
	Cross Rd-27		2	90.00	0.90	0.30	48.60		
	Cross Rd-28		2	160.00	0.90	0.30	86.40		
	Cross Rd-29		2	300.00	0.90	0.30	162.00		
	Cross Rd-30		2	230.00	0.90	0.30	124.20		
	Cross Rd-31		2	230.00	0.90	0.30	124.20		
	Cross Rd-32		2	200.00	0.90	0.30	108.00		
	Cross Rd-33		2	210.00	0.90	0.30	113.40		
	Cross Rd-34		2	320.00	0.90	0.30	172.80		
	Cross Rd-35		2	180.00	0.90	0.30	97.20		
	Cross Rd-36		2	160.00	0.90	0.30	86.40		
	Cross Rd-37		2	200.00	0.90	0.30	108.00		
	Cross Rd-38		2	300.00	0.90	0.30	162.00		
	Cross Rd-39		2	190.00	0.90	0.30	102.60		
	Cross Rd-40		2	170.00	0.90	0.30	91.80		
							14453.97	**69.06**	**998191.17**
10	KSRRB M400-17. Providing, laying, spreading and compacting cushed stone aggregates of granite / trap / basalt to **wet mix macadam** specifications including pre mixing the material with water at OMC in mechanical mix plant carriage of mixed materials by tipper to site, laying in uniform layers with paver in sub-base/base course on well prepared surface and compacting with vibratory roller to achieve the desired density complete as per specifications(P.No-155,I No-20.18)								
	Basic rate	1888.00							
	Area Weightage 6%	113.28							
	Total	**2001.28**							

Sl No	Description of Items	Unit	No	Length	Width	Depth	Quantity	Rate	Amount
		Cum							
	Jakkur Railway track road		1	390.00	6.00	0.250	585.00		
	Agrahara- Mariyappa house Rd		1	95.0	5.50	0.250	130.63		
	Thanisandra Mn Rd upto Thirumenahalli Lake		2	700.0	1.50	0.250	525.00		
	Chokkanahalli LayoutMn Road frm Thanisandra Rd		2	610.00	1.50	0.250	457.5		
	Chokkanahalli village Mn Rd								
	Ch:0.00m to 150.00m		2	150.00	1.50	0.250	112.5		
	Ch:150.00m to 550.00m		2	400.00	1.50	0.250	300.0		
	Ch:550.00m to 1250.00m		2	700.00	1.50	0.250	525.0		
	School Road		1	90.00	2.00	0.250	45.0		
	Dwarakanagar Bus Stop Road		2	250.00	1.20	0.250	150.00		
			1	120.00	5.50	0.250	165.00		
	Green Land Layout Mn Rd		1	460.00	5.00	0.250	575.00		
	Lakshmaiah Garden Mn Rd		1	410.0	5.50	0.250	563.75		
	Palanahalli Road Beside Lake		1	580.0	6.00	0.250	870.00		
	Warrior Tower Cross Road		1	50.0	6.00	0.250	75.00		
	1st cross, Chamundi lt		1	80.00	5.00	0.250	100.00		
	4th cross, Pooja Maha lxm lt		1	50.00	5.00	0.250	62.50		
	5th cross, Pooja Maha lxm lt		1	50.00	5.00	0.250	62.50		
	7th cross, Pooja Maha lxm lt		1	55.00	5.00	0.250	68.75		
	9th cross, Pooja Maha lxm lt		1	50.00	5.00	0.250	62.50		
	10th cross, Pooja Maha lxm lt		1	56.00	5.00	0.250	70.00		
	Prakruthinagar								
	Association Road		1	283.00	5.00	0.250	353.75		
	3rd cross		1	110.00	5.00	0.250	137.50		
	4th cross		1	110.00	5.00	0.250	137.50		
	Srinivasa Garden Mn Rd		1	426.0	5.50	0.250	585.75		
	Tetra grands Road		2	83.00	1.50	0.250	62.25		
			1	170.00	6.50	0.250	276.25		
	Cross Road Tetra grands Road		1	50.00	6.50	0.250	81.25		
	Thirumenahalli Mn Rd to School		2	232.00	1.50	0.250	174.00		
			1	210.00	6.00	0.250	315.00		
	Vinayakanagar Dead end Road		1	40.00	4.50	0.250	45.00		
	Winn field new Formn		1	580.0	4.80	0.250	696.00		
	Noor nagar East side		2	216.00	1.20	0.250	129.60		
	Noor nagar West side		2	112.00	2.00	0.250	112.00		
	Dwarakanaar, Vinayakanagar, Palanahalli, Kattigenahalli								
	Cross Rd-1		2	200.00	0.90	0.250	90.00		
	Cross Rd-2		2	180.00	0.90	0.250	81.00		
	Cross Rd-3		2	160.00	0.90	0.250	72.00		
	Cross Rd-4		2	150.00	0.90	0.250	67.50		
	Cross Rd-5		2	200.00	0.90	0.250	90.00		
	Cross Rd-6		2	160.00	0.90	0.250	72.00		
	Cross Rd-7		2	140.00	0.90	0.250	63.00		
	Cross Rd-8		2	160.00	0.90	0.250	72.00		
	Cross Rd-9		2	150.00	0.90	0.250	67.50		
	Cross Rd-10		2	180.00	0.90	0.250	81.00		

Sl No	Description of Items	Unit	No	Length	Width	Depth	Quantity	Rate	Amount
	Cross Rd-11		2	200.00	0.90	0.250	90.00		
	Cross Rd-12		2	190.00	0.90	0.250	85.50		
	Cross Rd-13		2	260.00	0.90	0.250	117.00		
	Cross Rd-14		2	260.00	0.90	0.250	117.00		
	Cross Rd-15		2	200.00	0.90	0.250	90.00		
	Cross Rd-16		2	150.00	0.90	0.250	67.50		
	Cross Rd-17		2	170.00	0.90	0.250	76.50		
	Cross Rd-18		2	230.00	0.90	0.250	103.50		
	Cross Rd-19		2	160.00	0.90	0.250	72.00		
	Cross Rd-20		2	120.00	0.90	0.250	54.00		
	Cross Rd-21		2	190.00	0.90	0.250	85.50		
	Cross Rd-22		2	170.00	0.90	0.250	76.50		
	Cross Rd-23		2	200.00	0.90	0.250	90.00		
	Cross Rd-24		2	160.00	0.90	0.250	72.00		
	Cross Rd-25		2	200.00	0.90	0.250	90.00		
	Cross Rd-26		2	150.00	0.90	0.250	67.50		
	Cross Rd-27		2	90.00	0.90	0.250	40.50		
	Cross Rd-28		2	160.00	0.90	0.250	72.00		
	Cross Rd-29		2	300.00	0.90	0.250	135.00		
	Cross Rd-30		2	230.00	0.90	0.250	103.50		
	Cross Rd-31		2	230.00	0.90	0.250	103.50		
	Cross Rd-32		2	200.00	0.90	0.250	90.00		
	Cross Rd-33		2	210.00	0.90	0.250	94.50		
	Cross Rd-34		2	320.00	0.90	0.250	144.00		
	Cross Rd-35		2	180.00	0.90	0.250	81.00		
	Cross Rd-36		2	160.00	0.90	0.250	72.00		
	Cross Rd-37		2	200.00	0.90	0.250	90.00		
	Cross Rd-38		2	300.00	0.90	0.250	135.00		
	Cross Rd-39		2	190.00	0.90	0.250	85.50		
	Cross Rd-40		2	170.00	0.90	0.250	76.50		
	For House Connection Cut portion 15% Area						3141.96		
							15186.93	**2001.28**	**30393301.77**
11	KSRRB M500-6. Providing and **applying primer coat** with S.S. bitumen emulsion on prepared surface of granular base such as WMM including cleaning of road surface and spraying primer at the rate of 0.60 kg / sqm using mechanical means complete as per specifications Clause 502 of MORTH V revision(P.No-158,I No-21.6), issue rate dated 03-01-2020								
	Basic rate	27.00							
	Area Weightage 6%	1.62							
	Total	**28.62**							
		Sqm							
	Jakkur Railway track road		1	390.00	6.00		2340.00		
	Agrahara- Mariyappa house Rd		1	95.0	5.50		522.50		
	Thanisandra Mn Rd upto Thirumenahalli Lake		2	700.0	1.50		2100.00		
	Chokkanahalli LayoutMn Road frm Thanisandra Rd		2	610.00	1.50		1830.00		
	Chokkanahalli village Mn Rd								
	Ch:0.00m to 150.00m		2	150.00	1.50		450.00		

Sl No	Description of Items	Unit	No	Length	Width	Depth	Quantity	Rate	Amount
	Ch:150.00m to 550.00m		2	400.00	1.50		1200.00		
	Ch:550.00m to 1250.00m		2	700.00	1.50		2100.00		
	School Road		1	90.00	2.00		180.00		
	Dwarakanagar Bus Stop Road		2	250.00	1.20		600.00		
			1	120.00	5.50		660.00		
	Green Land Layout Mn Rd		1	460.00	5.00		2300.00		
	Lakshmaiah Garden Mn Rd		1	410.0	5.50		2255.00		
	Palanahalli Road Beside Lake		1	580.0	6.00		3480.00		
	Warrior Tower Cross Road		1	50.0	6.00		300.00		
	1st cross, Chamundi lt		1	80.00	5.00		400.00		
	4th cross, Pooja Maha lxm lt		1	50.00	5.00		250.00		
	5th cross, Pooja Maha lxm lt		1	50.00	5.00		250.00		
	7th cross, Pooja Maha lxm lt		1	55.00	5.00		275.00		
	9th cross, Pooja Maha lxm lt		1	50.00	5.00		250.00		
	10th cross, Pooja Maha lxm lt		1	56.00	5.00		280.00		
	Prakruthinagar								
	Association Road		1	283.00	5.00		1415.00		
	3rd cross		1	110.00	5.00		550.00		
	4th cross		1	110.00	5.00		550.00		
	Srinivasa Garden Mn Rd		1	426.0	5.50		2343.00		
	Tetra grands Road		2	83.00	1.50		249.00		
			1	170.00	6.50		1105.00		
	Cross Road Tetra grands Road		1	50.00	6.50		325.00		
	Thirumenahalli Mn Rd to School		2	232.00	1.50		696.00		
			1	210.00	6.00		1260.00		
	Vinayakanagar Dead end Road		1	40.00	4.50		180.00		
	Winn field new Formn		1	580.0	4.80		2784.00		
	Noor nagar East side		2	216.00	1.20		518.40		
	Noor nagar West side		2	112.00	2.00		448.00		
	Dwarakanaar, Vinayakanagar, Palanahalli, Kattigenahalli								
	Cross Rd-1		2	200.00	0.90		360.00		
	Cross Rd-2		2	180.00	0.90		324.00		
	Cross Rd-3		2	160.00	0.90		288.00		
	Cross Rd-4		2	150.00	0.90		270.00		
	Cross Rd-5		2	200.00	0.90		360.00		
	Cross Rd-6		2	160.00	0.90		288.00		
	Cross Rd-7		2	140.00	0.90		252.00		
	Cross Rd-8		2	160.00	0.90		288.00		
	Cross Rd-9		2	150.00	0.90		270.00		
	Cross Rd-10		2	180.00	0.90		324.00		
	Cross Rd-11		2	200.00	0.90		360.00		
	Cross Rd-12		2	190.00	0.90		342.00		
	Cross Rd-13		2	260.00	0.90		468.00		
	Cross Rd-14		2	260.00	0.90		468.00		
	Cross Rd-15		2	200.00	0.90		360.00		
	Cross Rd-16		2	150.00	0.90		270.00		
	Cross Rd-17		2	170.00	0.90		306.00		
	Cross Rd-18		2	230.00	0.90		414.00		
	Cross Rd-19		2	160.00	0.90		288.00		

Sl No	Description of Items	Unit	No	Length	Width	Depth	Quantity	Rate	Amount
	Cross Rd-20		2	120.00	0.90		216.00		
	Cross Rd-21		2	190.00	0.90		342.00		
	Cross Rd-22		2	170.00	0.90		306.00		
	Cross Rd-23		2	200.00	0.90		360.00		
	Cross Rd-24		2	160.00	0.90		288.00		
	Cross Rd-25		2	200.00	0.90		360.00		
	Cross Rd-26		2	150.00	0.90		270.00		
	Cross Rd-27		2	90.00	0.90		162.00		
	Cross Rd-28		2	160.00	0.90		288.00		
	Cross Rd-29		2	300.00	0.90		540.00		
	Cross Rd-30		2	230.00	0.90		414.00		
	Cross Rd-31		2	230.00	0.90		414.00		
	Cross Rd-32		2	200.00	0.90		360.00		
	Cross Rd-33		2	210.00	0.90		378.00		
	Cross Rd-34		2	320.00	0.90		576.00		
	Cross Rd-35		2	180.00	0.90		324.00		
	Cross Rd-36		2	160.00	0.90		288.00		
	Cross Rd-37		2	200.00	0.90		360.00		
	Cross Rd-38		2	300.00	0.90		540.00		
	Cross Rd-39		2	190.00	0.90		342.00		
	Cross Rd-40		2	170.00	0.90		306.00		
							48179.90	**28.62**	**1378908.74**
12	KSRRB 500-7. Providing and applying **tack coat** using 80/100 grade bitumen(VG10) on the prepared black topped surfaces at 2.5 kg per 10 sqm, heating bitumen in boiler fitted with spray set (excluding cleaning of road surface) including cost of all materials, labour, HOM complete as per specifications (P.No-158,I No-21.7), issue rate dated 03-01-2020								
	Basic rate	12.00							
	Area Weightage 6%	0.72							
	Total	**12.72**							
		Sqm							
	Jakkur Railway track road		1	390.00	6.00		2340.00		
	Thanisandra Mn Rd upto Thirumenahalli Lake		1	700.0	7.00		4900.00		
	Chokkanahalli LayoutMn Road frm Thanisandra Rd		1	610.00	7.00		4270.00		
	Chokkanahalli village Mn Rd								
	Ch:0.00m to 150.00m		1	150.00	7.00		1050.00		
	Ch:150.00m to 550.00m		1	400.00	5.00		2000.00		
	Ch:550.00m to 1250.00m		1	700.00	7.00		4900.00		
	School Road		1	90.00	8.00		720.00		
	Dwarakanagar Bus Stop Road		1	250.00	5.50		1375.00		
	Tetra grands Road		1	83.00	7.00		581.00		
	Thirumenahalli Mn Rd to School		1	232.00	6.50		1508.00		
			1	210.00	6.00		1260.00		
	Noor nagar East side		1	216.00	7.00		1512.00		
	Noor nagar West side		1	112.00	7.00		784.00		
	Dwarakanaar, Vinayakanagar, Palanahalli, Kattigenahalli								
	Cross Rd-1		1	200.00	5.00		1000.00		

Sl No	Description of Items	Unit	No	Length	Width	Depth	Quantity	Rate	Amount
	Cross Rd-2		1	180.00	5.20		936.00		
	Cross Rd-3		1	160.00	5.20		832.00		
	Cross Rd-4		1	150.00	5.50		825.00		
	Cross Rd-5		1	200.00	5.10		1020.00		
	Cross Rd-6		1	160.00	5.00		800.00		
	Cross Rd-7		1	140.00	4.80		672.00		
	Cross Rd-8		1	160.00	4.80		768.00		
	Cross Rd-9		1	150.00	5.00		750.00		
	Cross Rd-10		1	180.00	5.00		900.00		
	Cross Rd-11		1	200.00	4.80		960.00		
	Cross Rd-12		1	190.00	4.80		912.00		
	Cross Rd-13		1	260.00	4.80		1248.00		
	Cross Rd-14		1	260.00	4.50		1170.00		
	Cross Rd-15		1	200.00	5.20		1040.00		
	Cross Rd-16		1	150.00	5.00		750.00		
	Cross Rd-17		1	170.00	4.60		782.00		
	Cross Rd-18		1	230.00	4.40		1012.00		
	Cross Rd-19		1	160.00	4.60		736.00		
	Cross Rd-20		1	120.00	4.60		552.00		
	Cross Rd-21		1	190.00	4.60		874.00		
	Cross Rd-22		1	170.00	4.60		782.00		
	Cross Rd-23		1	200.00	4.60		920.00		
	Cross Rd-24		1	160.00	4.60		736.00		
	Cross Rd-25		1	200.00	4.60		920.00		
	Cross Rd-26		1	150.00	4.60		690.00		
	Cross Rd-27		1	90.00	4.60		414.00		
	Cross Rd-28		1	160.00	4.60		736.00		
	Cross Rd-29		1	300.00	4.60		1380.00		
	Cross Rd-30		1	230.00	4.60		1058.00		
	Cross Rd-31		1	230.00	4.60		1058.00		
	Cross Rd-32		1	200.00	4.60		920.00		
	Cross Rd-33		1	210.00	4.60		966.00		
	Cross Rd-34		1	320.00	4.60		1472.00		
	Cross Rd-35		1	180.00	4.60		828.00		
	Cross Rd-36		1	160.00	4.60		736.00		
	Cross Rd-37		1	200.00	4.60		920.00		
	Cross Rd-38		1	300.00	4.60		1380.00		
	Cross Rd-39		1	190.00	4.60		874.00		
	Cross Rd-40		1	170.00	4.60		782.00		
	Profile correction & For House Connection Cut portion, 30% Area						25135.65		
							88446.65	**12.72**	**1125041.39**
13	KSRRB 500-2. **Cleaning the existing black topped surface** with brooms, soft brushes and finally dusting with old gunny bags and / or compressed air to receive bituminous treatment including cost of all materials, labour, HOM complete as per specifications. (P.No-158,I No-21.2,KPWD SR 2018-19)								
	Basic rate	5.00							
	Area Weightage 6%	0.30							
	Total	**5.30**							

Sl No	Description of Items	Unit	No	Length	Width	Depth	Quantity	Rate	Amount
		Sqm							
	Total BC Area						83785.50		
	Total DBM Area						52841.05		
	BC- DBM, Area						30944.45		
							30944.45	**5.30**	**164005.59**
14	KSRRB M500-17. Providing and laying **dense graded bituminous macadam** using crushed aggregates of specified grading, premixed with VG30 grade bituminous binder and, transporting the hot mix to work site, laying to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction in all respects complete as per specifications Clause 505 of MORTH V revisionusing 40/60 TPH capacity H.M.P. with Mechanical paver Gr-II (50 mm to 75 mm) with 4.5 % VG-30 Bitumen (P.No-160,I No-21.17.6), issue rate dated 03-01-2020								
	Basic rate	6224.00							
	Area Weightage 6%	373.44							
	Total	**6597.44**							
		Cum							
	Jakkur Railway track road		1	390.00	6.00	0.05	117.00		
	Thanisandra Mn Rd upto Thirumenahalli Lake		2	700.0	1.50	0.05	105.00		
	Chokkanahalli LayoutMn Road frm Thanisandra Rd		2	610.00	1.50	0.05	91.50		
	Chokkanahalli village Mn Rd								
	Ch:0.00m to 150.00m		2	150.00	1.50	0.05	22.50		
	Ch:150.00m to 550.00m		2	400.00	1.50	0.05	60.00		
	Ch:550.00m to 1250.00m		2	700.00	1.50	0.05	105.00		
	School Road		1	90.00	2.00	0.05	9.00		
	Dwarakanagar Bus Stop Road		2	250.00	1.20	0.05	30.00		
	Tetra grands Road		2	83.00	1.50	0.05	12.45		
	Thirumenahalli Mn Rd to School		2	232.00	1.50	0.05	34.80		
			1	210.00	6.00	0.05	63.00		
	Noor nagar East side		2	216.00	1.20	0.05	25.92		
	Noor nagar West side		2	112.00	2.00	0.05	22.40		
	Dwarakanaar, Vinayakanagar, Palanahalli, Kattigenahalli								
	Cross Rd-1		2	200.00	0.90	0.05	18.00		
	Cross Rd-2		2	180.00	0.90	0.05	16.20		
	Cross Rd-3		2	160.00	0.90	0.05	14.40		
	Cross Rd-4		2	150.00	0.90	0.05	13.50		
	Cross Rd-5		2	200.00	0.90	0.05	18.00		
	Cross Rd-6		2	160.00	0.90	0.05	14.40		
	Cross Rd-7		2	140.00	0.90	0.05	12.60		
	Cross Rd-8		2	160.00	0.90	0.05	14.40		
	Cross Rd-9		2	150.00	0.90	0.05	13.50		
	Cross Rd-10		2	180.00	0.90	0.05	16.20		
	Cross Rd-11		2	200.00	0.90	0.05	18.00		
	Cross Rd-12		2	190.00	0.90	0.05	17.10		
	Cross Rd-13		2	260.00	0.90	0.05	23.40		
	Cross Rd-14		2	260.00	0.90	0.05	23.40		
	Cross Rd-15		2	200.00	0.90	0.05	18.00		

Sl No	Description of Items	Unit	No	Length	Width	Depth	Quantity	Rate	Amount
	Cross Rd-16		2	150.00	0.90	0.05	13.50		
	Cross Rd-17		2	170.00	0.90	0.05	15.30		
	Cross Rd-18		2	230.00	0.90	0.05	20.70		
	Cross Rd-19		2	160.00	0.90	0.05	14.40		
	Cross Rd-20		2	120.00	0.90	0.05	10.80		
	Cross Rd-21		2	190.00	0.90	0.05	17.10		
	Cross Rd-22		2	170.00	0.90	0.05	15.30		
	Cross Rd-23		2	200.00	0.90	0.05	18.00		
	Cross Rd-24		2	160.00	0.90	0.05	14.40		
	Cross Rd-25		2	200.00	0.90	0.05	18.00		
	Cross Rd-26		2	150.00	0.90	0.05	13.50		
	Cross Rd-27		2	90.00	0.90	0.05	8.10		
	Cross Rd-28		2	160.00	0.90	0.05	14.40		
	Cross Rd-29		2	300.00	0.90	0.05	27.00		
	Cross Rd-30		2	230.00	0.90	0.05	20.70		
	Cross Rd-31		2	230.00	0.90	0.05	20.70		
	Cross Rd-32		2	200.00	0.90	0.05	18.00		
	Cross Rd-33		2	210.00	0.90	0.05	18.90		
	Cross Rd-34		2	320.00	0.90	0.05	28.80		
	Cross Rd-35		2	180.00	0.90	0.05	16.20		
	Cross Rd-36		2	160.00	0.90	0.05	14.40		
	Cross Rd-37		2	200.00	0.90	0.05	18.00		
	Cross Rd-38		2	300.00	0.90	0.05	27.00		
	Cross Rd-39		2	190.00	0.90	0.05	17.10		
	Cross Rd-40		2	170.00	0.90	0.05	15.30		
	Profile correction & For House Connection Cut portion, 30% Area						1256.78		
							2642.05	**6597.44**	**17430782.85**
15	Providing and laying **bituminous concrete 40mm thick** with hot mix plant, using crushed aggregates of specified grading, premixed with bituminous binder and filler, transporting the hot mix to work site, laying with a paver finisher to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction in all respects complete as per specifications. Clause 507 of MORTH V revision as per IRC SP-53-2015. using 40-60 TPH capacity HMP with mechanical paver grading II (30-45mm) with 5.4 % of modified bituminus binder consisting of 4.97% of VG-30 bitumen (60/70 grade) and 0.43% of plastomeric thermoplastics (waste plastic)(P.No-171,I No-21.78.12), issue rate dated 03-01-2020								
	Basic rate	7315.00							
	Area Weightage 6%	438.90							
	Total	**7753.90**							
		Cum							
	Jakkur Railway track road		1	390.00	6.00	0.04	93.60		
	Agrahara- Mariyappa house Rd		1	95.0	5.50	0.04	20.90		
	Thanisandra Mn Rd upto Thirumenahalli Lake		1	700.0	7.00	0.04	196.00		
	Chokkanahalli LayoutMn Road frm Thanisandra Rd		1	610.00	7.00	0.04	170.80		
	Chokkanahalli village Mn Rd								
	Ch:0.00m to 150.00m		1	150.00	7.00	0.04	42.00		
	Ch:150.00m to 550.00m		1	400.00	5.00	0.04	80.00		

Sl No	Description of Items	Unit	No	Length	Width	Depth	Quantity	Rate	Amount
	Ch:550.00m to 1250.00m		1	700.00	7.00	0.04	196.00		
	School Road		1	90.00	8.00	0.04	28.80		
	Dwarakanagar Bus Stop Road		1	250.00	5.50	0.04	55.00		
			1	120.00	5.50	0.04	26.40		
	Green Land Layout Mn Rd		1	460.00	5.00	0.04	92.00		
	Lakshmaiah Garden Mn Rd		1	410.0	5.50	0.04	90.20		
	Palanahalli Road Beside Lake		1	580.0	6.00	0.04	139.20		
	Warrior Tower Cross Road		1	50.0	6.00	0.04	12.00		
	1st cross, Chamundi lt		1	80.00	5.00	0.04	16.00		
	4th cross, Pooja Maha lxm lt		1	50.00	5.00	0.04	10.00		
	5th cross, Pooja Maha lxm lt		1	50.00	5.00	0.04	10.00		
	7th cross, Pooja Maha lxm lt		1	55.00	5.00	0.04	11.00		
	9th cross, Pooja Maha lxm lt		1	50.00	5.00	0.04	10.00		
	10th cross, Pooja Maha lxm lt		1	56.00	5.00	0.04	11.20		
	Prakruthinagar								
	Association Road		1	283.00	5.00	0.04	56.60		
	3rd cross		1	110.00	5.00	0.04	22.00		
	4th cross		1	110.00	5.00	0.04	22.00		
	Srinivasa Garden Mn Rd		1	426.0	5.50	0.04	93.72		
	Tetra grands Road		1	83.00	7.00	0.04	23.24		
			1	170.00	6.50	0.04	44.20		
	Cross Road Tetra grands Road		1	50.00	6.50	0.04	13.00		
	Thirumenahalli Mn Rd to School		1	232.00	6.50	0.04	60.32		
			1	210.00	6.00	0.04	50.40		
	Vinayakanagar Dead end Road		1	40.00	4.50	0.04	7.20		
	Winn field new Formn		1	580.0	4.80	0.04	111.36		
	Noor nagar East side		1	216.00	7.00	0.04	60.48		
	Noor nagar West side		1	112.00	7.00	0.04	31.36		
	Dwarakanaar, Vinayakanagar, Palanahalli, Kattigenahalli								
	Cross Rd-1		1	200.00	5.00	0.04	40.00		
	Cross Rd-2		1	180.00	5.20	0.04	37.44		
	Cross Rd-3		1	160.00	5.20	0.04	33.28		
	Cross Rd-4		1	150.00	5.50	0.04	33.00		
	Cross Rd-5		1	200.00	5.10	0.04	40.80		
	Cross Rd-6		1	160.00	5.00	0.04	32.00		
	Cross Rd-7		1	140.00	4.80	0.04	26.88		
	Cross Rd-8		1	160.00	4.80	0.04	30.72		
	Cross Rd-9		1	150.00	5.00	0.04	30.00		
	Cross Rd-10		1	180.00	5.00	0.04	36.00		
	Cross Rd-11		1	200.00	4.80	0.04	38.40		
	Cross Rd-12		1	190.00	4.80	0.04	36.48		
	Cross Rd-13		1	260.00	4.80	0.04	49.92		
	Cross Rd-14		1	260.00	4.50	0.04	46.80		
	Cross Rd-15		1	200.00	5.20	0.04	41.60		
	Cross Rd-16		1	150.00	5.00	0.04	30.00		
	Cross Rd-17		1	170.00	4.60	0.04	31.28		
	Cross Rd-18		1	230.00	4.40	0.04	40.48		
	Cross Rd-19		1	160.00	4.60	0.04	29.44		
	Cross Rd-20		1	120.00	4.60	0.04	22.08		

Sl No	Description of Items	Unit	No	Length	Width	Depth	Quantity	Rate	Amount
	Cross Rd-21		1	190.00	4.60	0.04	34.96		
	Cross Rd-22		1	170.00	4.60	0.04	31.28		
	Cross Rd-23		1	200.00	4.60	0.04	36.80		
	Cross Rd-24		1	160.00	4.60	0.04	29.44		
	Cross Rd-25		1	200.00	4.60	0.04	36.80		
	Cross Rd-26		1	150.00	4.60	0.04	27.60		
	Cross Rd-27		1	90.00	4.60	0.04	16.56		
	Cross Rd-28		1	160.00	4.60	0.04	29.44		
	Cross Rd-29		1	300.00	4.60	0.04	55.20		
	Cross Rd-30		1	230.00	4.60	0.04	42.32		
	Cross Rd-31		1	230.00	4.60	0.04	42.32		
	Cross Rd-32		1	200.00	4.60	0.04	36.80		
	Cross Rd-33		1	210.00	4.60	0.04	38.64		
	Cross Rd-34		1	320.00	4.60	0.04	58.88		
	Cross Rd-35		1	180.00	4.60	0.04	33.12		
	Cross Rd-36		1	160.00	4.60	0.04	29.44		
	Cross Rd-37		1	200.00	4.60	0.04	36.80		
	Cross Rd-38		1	300.00	4.60	0.04	55.20		
	Cross Rd-39		1	190.00	4.60	0.04	34.96		
	Cross Rd-40		1	170.00	4.60	0.04	31.28		
							3351.42	**7753.90**	**25986575.54**
16	KSRRB M800-13.**Road Marking** with Hot Applied Thermoplastic Compound with Reflectrising Glass Beads on Bituminous Surface/ Concrete Surface: Providing and laying of hot applied thermoplastic compound 2.5 mm thick including reflectorising glass beads at 250 gms per sqm area, thickness of 2.5 mm is exclusive of surface applied glass beads as per IRC:35 standards specified. The finished surface to be level, uniform and free from streaks and holes complete as per specifications. MORTH Specification No. 803(P.No-182,I No-24.15)								
	Basic rate	429.00							
	Area Weightage 6%	25.74							
	Total	**454.74**							
		Sqm							
	Jakkur Railway track road		2.5	390.00	0.10		97.50		
	Agrahara- Mariyappa house Rd		0.5	95.0	0.10		4.75		
	Thanisandra Mn Rd upto Thirumenahalli Lake		2.5	700.0	0.10		175.00		
	Chokkanahalli LayoutMn Road frm Thanisandra Rd		2.5	610.00	0.10		152.50		
	Chokkanahalli village Mn Rd								
	Ch:0.00m to 150.00m		2.5	150.00	0.10		37.50		
	Ch:150.00m to 550.00m		2.5	400.00	0.10		100.00		
	Ch:550.00m to 1250.00m		2.5	700.00	0.10		175.00		
	School Road		0.5	90.00	0.10		4.50		
	Dwarakanagar Bus Stop Road		2.5	250.00	0.10		62.50		
			2.5	120.00	0.10		30.00		
	Green Land Layout Mn Rd		2.5	460.00	0.10		115.00		
	Lakshmaiah Garden Mn Rd		0.5	410.0	0.10		20.50		
	Palanahalli Road Beside Lake		2.5	580.0	0.10		145.00		
	Warrior Tower Cross Road		2.5	50.0	0.10		12.50		
	1st cross, Chamundi lt		2.5	80.00	0.10		20.00		

Sl No	Description of Items	Unit	No	Length	Width	Depth	Quantity	Rate	Amount
	4th cross, Pooja Maha lxm lt		2.5	50.00	0.10		12.50		
	5th cross, Pooja Maha lxm lt		2.5	50.00	0.10		12.50		
	7th cross, Pooja Maha lxm lt		2.5	55.00	0.10		13.75		
	9th cross, Pooja Maha lxm lt		2.5	50.00	0.10		12.50		
	10th cross, Pooja Maha lxm lt		2.5	56.00	0.10		14.00		
	Prakruthinagar								
	Association Road		2.5	283.00	0.10		70.75		
	3rd cross		2.5	110.00	0.10		27.50		
	4th cross		2.5	110.00	0.10		27.50		
	Srinivasa Garden Mn Rd		0.5	426.0	0.10		21.30		
	Tetra grands Road		2.5	83.00	0.10		20.75		
			2.5	170.00	0.10		42.50		
	Cross Road Tetra grands Road		2.5	50.00	0.10		12.50		
	Thirumenahalli Mn Rd to School		2.5	232.00	0.10		58.00		
			2.5	210.00	0.10		52.50		
	Vinayakanagar Dead end Road		0.5	40.00	0.10		2.00		
	Winn field new Formn		0.5	580.0	0.10		29.00		
	Noor nagar East side		2.5	216.00	0.10		54.00		
	Noor nagar West side		2.5	112.00	0.10		28.00		
	Dwarakanaar, Vinayakanagar, Palanahalli, Kattigenahalli								
	Cross Rd-1		2.5	200.00	0.10		50.00		
	Cross Rd-2		2.5	180.00	0.10		45.00		
	Cross Rd-3		2.5	160.00	0.10		40.00		
	Cross Rd-4		2.5	150.00	0.10		37.50		
	Cross Rd-5		2.5	200.00	0.10		50.00		
	Cross Rd-6		2.5	160.00	0.10		40.00		
	Cross Rd-7		2.5	140.00	0.10		35.00		
	Cross Rd-8		2.5	160.00	0.10		40.00		
	Cross Rd-9		2.5	150.00	0.10		37.50		
	Cross Rd-10		2.5	180.00	0.10		45.00		
	Cross Rd-11		2.5	200.00	0.10		50.00		
	Cross Rd-12		2.5	190.00	0.10		47.50		
	Cross Rd-13		2.5	260.00	0.10		65.00		
	Cross Rd-14		2.5	260.00	0.10		65.00		
	Cross Rd-15		2.5	200.00	0.10		50.00		
	Cross Rd-16		2.5	150.00	0.10		37.50		
	Cross Rd-17		2.5	170.00	0.10		42.50		
	Cross Rd-18		2.5	230.00	0.10		57.50		
	Cross Rd-19		2.5	160.00	0.10		40.00		
	Cross Rd-20		2.5	120.00	0.10		30.00		
	Cross Rd-21		2.5	190.00	0.10		47.50		
	Cross Rd-22		2.5	170.00	0.10		42.50		
	Cross Rd-23		2.5	200.00	0.10		50.00		
	Cross Rd-24		2.5	160.00	0.10		40.00		
	Cross Rd-25		2.5	200.00	0.10		50.00		
	Cross Rd-26		2.5	150.00	0.10		37.50		
	Cross Rd-27		2.5	90.00	0.10		22.50		
	Cross Rd-28		2.5	160.00	0.10		40.00		
	Cross Rd-29		2.5	300.00	0.10		75.00		

Sl No	Description of Items	Unit	No	Length	Width	Depth	Quantity	Rate	Amount
	Cross Rd-30		2.5	230.00	0.10		57.50		
	Cross Rd-31		2.5	230.00	0.10		57.50		
	Cross Rd-32		2.5	200.00	0.10		50.00		
	Cross Rd-33		2.5	210.00	0.10		52.50		
	Cross Rd-34		2.5	320.00	0.10		80.00		
	Cross Rd-35		2.5	180.00	0.10		45.00		
	Cross Rd-36		2.5	160.00	0.10		40.00		
	Cross Rd-37		2.5	200.00	0.10		50.00		
	Cross Rd-38		2.5	300.00	0.10		75.00		
	Cross Rd-39		2.5	190.00	0.10		47.50		
	Cross Rd-40		2.5	170.00	0.10		42.50		
							3571.30	**454.74**	**1624012.96**
17	KSRRB M200-24. **Dismantling of cement concrete pavement** by mechanical means using pneumatic tools, breaking to pieces not exceeding 0.02 cum in volume and stock piling at designated locations and disposal of dismantled materials upto a lead of 1000 metrers, stacking serviceable and unserviceable materials seperately complete as per specifications. MORTH Specification No. 202.(I No-18.47,P No-140)								
	Basic rate	899.00							
	Area Weightage 6%	53.94							
	10Km Lead =(2*1.28*10)	25.60							
	Total Rate Rs. =	**978.54**							
		Cum							
	Noor nagar East side								
	LHS								
	Cr-1		2	53.00	0.90	0.25	23.85		
	Cr-2		2	36.40	0.90	0.25	16.38		
	Cr-3		2	37.00	0.90	0.25	16.65		
	Cr-4		2	37.00	0.90	0.25	16.65		
	Cr-5		2	34.00	0.90	0.25	15.30		
	Cr-6		2	37.00	0.90	0.25	16.65		
	Cr-7		2	37.00	0.90	0.25	16.65		
	Cr-8		2	37.00	0.90	0.25	16.65		
	Cr-9		2	36.00	0.90	0.25	16.20		
	RHS								
	Cr-1		2	34.00	0.90	0.25	15.30		
	Cr-2		2	34.00	0.90	0.25	15.30		
	Cr-3		2	34.00	0.90	0.25	15.30		
	Cr-4		2	34.00	0.90	0.25	15.30		
	Cr-5		2	35.00	0.90	0.25	15.75		
	Cr-6		2	37.00	0.90	0.25	16.65		
	Cr-7		2	35.00	0.90	0.25	15.75		
	Cr-8		2	25.00	0.90	0.25	11.25		
	Cr-9		2	18.40	0.90	0.25	8.28		
	Noor Nagar West Side								
	Cr-1		1	22.00	3.80	0.25	20.90		
	Cr-2		1	32.00	3.50	0.25	28.00		
	Cr-3		1	32.00	3.50	0.25	28.00		
	Cr-4		1	50.00	3.80	0.25	47.50		

Sl No	Description of Items	Unit	No	Length	Width	Depth	Quantity	Rate	Amount
	Cr-5		1	32.00	3.80	0.25	30.40		
	Cr-6		1	43.00	3.50	0.25	37.63		
	Cr-7		1	18.00	3.50	0.25	15.75		
	CC ROADS								
	Cross Roads 1		1	80.00	3.80	0.25	76.00		
	Cross Roads 2		1	110.00	3.60	0.25	99.00		
	Cross Roads 3		1	150.00	4.00	0.25	150.00		
	Cross Roads 4		1	140.00	4.00	0.25	140.00		
	Cross Roads 5		1	110.00	4.00	0.25	110.00		
	Cross Roads 6		1	130.00	4.30	0.25	139.75		
	Cross Roads 7		1	124.00	3.90	0.25	120.90		
	Cross Roads 8		1	96.00	3.80	0.25	91.20		
	Cross Roads 9		1	104.00	4.00	0.25	104.00		
	Cross Roads 10		1	108.00	3.90	0.25	105.30		
	Cross Roads 11		1	125.00	4.10	0.25	128.13		
	Cross Roads 12		1	130.00	4.10	0.25	133.25		
	Cross Roads 13		1	85.00	4.00	0.25	85.00		
	Cross Roads 14		1	135.00	3.40	0.25	114.75		
							2089.31	**978.54**	**2044473.41**
18	KSRRB M600-1.Providing and Constructing **dry lean cement concrete mix CC 1:5:10** base with OPC 25mm and down size graded granite metal coarse aggregate at 0.86cum and fine aggregates @0.58cum over a prepared sub-base, coarse and fine aggregate conforming to IS: 383-2016,aggregate cement ratio not to exceed 15:1, Aggregate gradation after blending to be as per Table 600-1,optimum moisture content to be determined during trial length construction, concrete strength not to be less than 10 Mpa at 7 days, mixed in a batching plant, transported to site, laid with a paver, compacting with 8-10 tonnes vibratory roller, finishing and curing complete as per specifications. Clause 601of MORTH V Revision and IS 456 Table-5, with OPC at 150 kg/cum and coarse aggregate 0.86cum, fine aggregate 0.58cum using Concrete Batch mix Plant at 75 cum/hr capacity with Slip form paver with electronic sensor. (P.No-174,I No-22.1.1)								
	Basic rate	3585.00							
	Area Weightage 6%	215.10							
	Total	**3800.10**							
		Cum							
	Noor nagar East side								
	LHS								
	Cr-1		2	53.00	0.90	0.15	14.31		
	Cr-2		2	36.40	0.90	0.15	9.83		
	Cr-3		2	37.00	0.90	0.15	9.99		
	Cr-4		2	37.00	0.90	0.15	9.99		
	Cr-5		2	34.00	0.90	0.15	9.18		
	Cr-6		2	37.00	0.90	0.15	9.99		
	Cr-7		2	37.00	0.90	0.15	9.99		
	Cr-8		2	37.00	0.90	0.15	9.99		
	Cr-9		2	36.00	0.90	0.15	9.72		
	RHS								
	Cr-1		2	34.00	0.90	0.15	9.18		

Sl No	Description of Items	Unit	No	Length	Width	Depth	Quantity	Rate	Amount
	Cr-2		2	34.00	0.90	0.15	9.18		
	Cr-3		2	34.00	0.90	0.15	9.18		
	Cr-4		2	34.00	0.90	0.15	9.18		
	Cr-5		2	35.00	0.90	0.15	9.45		
	Cr-6		2	37.00	0.90	0.15	9.99		
	Cr-7		2	35.00	0.90	0.15	9.45		
	Cr-8		2	25.00	0.90	0.15	6.75		
	Cr-9		2	18.40	0.90	0.15	4.97		
	Noor Nagar West Side								
	Cr-1		1	22.00	3.80	0.15	12.54		
	Cr-2		1	32.00	3.50	0.15	16.80		
	Cr-3		1	32.00	3.50	0.15	16.80		
	Cr-4		1	50.00	3.80	0.15	28.50		
	Cr-5		1	32.00	3.80	0.15	18.24		
	Cr-6		1	43.00	3.50	0.15	22.58		
	Cr-7		1	18.00	3.50	0.15	9.45		
	CC ROADS								
	Cross Roads 1		1	80.00	3.80	0.15	45.60		
	Cross Roads 2		1	110.00	3.60	0.15	59.40		
	Cross Roads 3		1	150.00	4.00	0.15	90.00		
	Cross Roads 4		1	140.00	4.00	0.15	84.00		
	Cross Roads 5		1	110.00	4.00	0.15	66.00		
	Cross Roads 6		1	130.00	4.30	0.15	83.85		
	Cross Roads 7		1	124.00	3.90	0.15	72.54		
	Cross Roads 8		1	96.00	3.80	0.15	54.72		
	Cross Roads 9		1	104.00	4.00	0.15	62.40		
	Cross Roads 10		1	108.00	3.90	0.15	63.18		
	Cross Roads 11		1	125.00	4.10	0.15	76.88		
	Cross Roads 12		1	130.00	4.10	0.15	79.95		
	Cross Roads 13		1	85.00	4.00	0.15	51.00		
	Cross Roads 14		1	135.00	3.40	0.15	68.85		
							1253.59	**3800.10**	**4763752.16**
19	Constructing un-reinforced, **plain cement concrete for pavements using Grade concrete M30** with OPC at 360 kg/cum and coarse aggregate 0.69cum, fine aggregate 0.46cum. over a prepared base with OPC coarse aggregate at 0.69 cum, fine aggregates at 0.46 cum,Coarse and fine aggregate conforming to IS:383-2016, with Superplastizer at 3 lts conforming to IS 9103-2008. mixed in a concrete mixer of not less than 0.6 cum capacity and appropriate weigh batcher as per approved mix design, laid in approved fixed side form work (steel channel, laying and fixing of 125 micron thick polythene film, wedges, steel plates including levelling the form work as per drawing). & Spreading the concrete with shovels, rackers compacted using needle, screed and plate vibrator and finished with floaters in a continuous operation including provision of contraction, expansion, construction and longitudinal joints,including groove cutting charges, joint filler, separation membrane of impermiable plastic sheet of 125 micron, sealant primer, joint sealant, admixtures as approved, curing compound, finishing to lines and grades, textured with texturing machine, and curing including cost of all materials, labour,hire charges of machineries,all lead & lift charges etc., complete as per specifications. (P.No-176,I No-22.6.1)								

Sl No	Description of Items	Unit	No	Length	Width	Depth	Quantity	Rate	Amount
	Basic rate	4916.00							
	Area Weightage 6%	294.96							
	Total	**5210.96**							
		Cum							
	Noor nagar East side								
	LHS								
	Cr-1		2	53.00	0.90	0.15	14.31		
	Cr-2		2	36.40	0.90	0.15	9.83		
	Cr-3		2	37.00	0.90	0.15	9.99		
	Cr-4		2	37.00	0.90	0.15	9.99		
	Cr-5		2	34.00	0.90	0.15	9.18		
	Cr-6		2	37.00	0.90	0.15	9.99		
	Cr-7		2	37.00	0.90	0.15	9.99		
	Cr-8		2	37.00	0.90	0.15	9.99		
	Cr-9		2	36.00	0.90	0.15	9.72		
	RHS								
	Cr-1		2	34.00	0.90	0.15	9.18		
	Cr-2		2	34.00	0.90	0.15	9.18		
	Cr-3		2	34.00	0.90	0.15	9.18		
	Cr-4		2	34.00	0.90	0.15	9.18		
	Cr-5		2	35.00	0.90	0.15	9.45		
	Cr-6		2	37.00	0.90	0.15	9.99		
	Cr-7		2	35.00	0.90	0.15	9.45		
	Cr-8		2	25.00	0.90	0.15	6.75		
	Cr-9		2	18.40	0.90	0.15	4.97		
	Noor Nagar West Side								
	Cr-1		1	22.00	3.80	0.15	12.54		
	Cr-2		1	32.00	3.50	0.15	16.80		
	Cr-3		1	32.00	3.50	0.15	16.80		
	Cr-4		1	50.00	3.80	0.15	28.50		
	Cr-5		1	32.00	3.80	0.15	18.24		
	Cr-6		1	43.00	3.50	0.15	22.58		
	Cr-7		1	18.00	3.50	0.15	9.45		
	CC ROADS								
	Cross Roads 1		1	80.00	3.80	0.15	45.60		
	Cross Roads 2		1	110.00	3.60	0.15	59.40		
	Cross Roads 3		1	150.00	4.00	0.15	90.00		
	Cross Roads 4		1	140.00	4.00	0.15	84.00		
	Cross Roads 5		1	110.00	4.00	0.15	66.00		
	Cross Roads 6		1	130.00	4.30	0.15	83.85		
	Cross Roads 7		1	124.00	3.90	0.15	72.54		
	Cross Roads 8		1	96.00	3.80	0.15	54.72		
	Cross Roads 9		1	104.00	4.00	0.15	62.40		
	Cross Roads 10		1	108.00	3.90	0.15	63.18		
	Cross Roads 11		1	125.00	4.10	0.15	76.88		
	Cross Roads 12		1	130.00	4.10	0.15	79.95		
	Cross Roads 13		1	85.00	4.00	0.15	51.00		
	Cross Roads 14		1	135.00	3.40	0.15	68.85		
							1253.59	**5210.96**	**6532386.50**
								Total Construction Cost	**104705436.11**

Sl No	Description of Items	Unit	No	Length	Width	Depth	Quantity	Rate	Amount
								Towards GST 12%	12568037.02
								Tender Premium 5%	5236682.09
								DPR & PMC Cost	2460000.00
								Sub Total	124998360.91
								Utility Shifting,Miscellaneous and Rounding off	1,639.09
	GRAND TOTAL								125000000.00

Certificate

1. The workspot was inspected and works is found to be necessary.
2. The area comes within the Bruhat Bangalore Mahanagara Palike limits.
3. The rates adopted based on the PWD SR,Bangalore circle for year 2018-2019, issue rates dated 21-10-2019 and Data Rates

Assistant Engineer
Project Division Yelahanka
BBMP Bangalore

Asst. Executive Engineer
Project Division Yelahanka
BBMP Bangalore

Executive Engineer
Project Division Yelahanka
BBMP Bangalore

Administrative Approval
Accorded For Rs.1250.00 lakhs
Head of A/C P3747
CER NO :02 Dt:15/05/2021
E.E. (Project)

Technical Sanction
Accorded For Rs 1250 lakhs
Head of A/C P3747
CER NO :34 Dt:17.06.2020
TA
CE (NW)